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(71) Applicant (for all designated States except US): KONINKLIJKE PHILIPS ELECTRONICS N.V. [NL/NL]; Groenewoudseweg 1, NL-5621 BA Eindhoven (NL).

(72) Inventor; and

(75) Inventor/Applicant (for US only): OPHEY, Willem, G. [NL/NL]; c/o Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).

(74) Agent: UITTENBOGAARD, Frank; Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).

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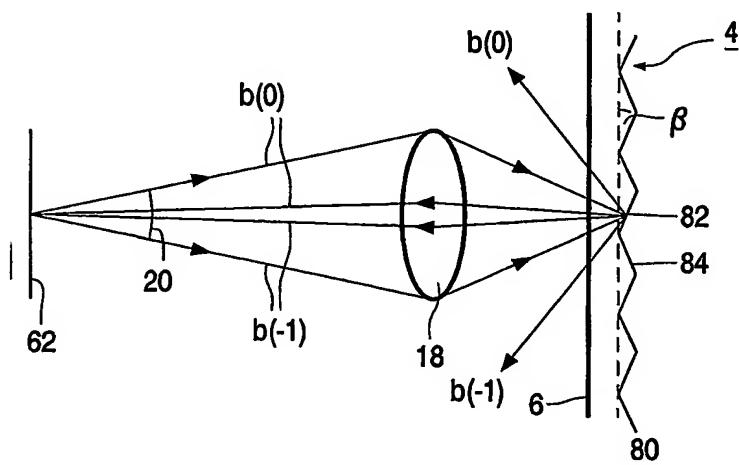
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(54) Title: OPTICAL RECORD CARRIER AND OPTICAL SCANNING DEVICE



(57) Abstract: To increase the information density of a satisfactorily readable information structure of a record carrier (2), the rear side (4) of the record carrier can be provided with means (82,84;86) for reflecting read beam radiation at an acute angle with respect to the chief ray of the incident read beam (20). In this way sub-beams b(0), b(+1), b(-1) diffracted by the information structure in different orders can be shifted with respect to the pupil of an objective lens (18) without introducing aberrations into the read spot (21). Said means may have a sawtooth or triangular shape (82,84) or be formed by a regular diffraction grating (86).



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